

Message

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**From:** Sengco, Mario [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4138218D625A4B6ABCD6C519817A6917-SENGCO, MARIO]  
**Sent:** 12/11/2019 8:30:51 PM  
**To:** Wirick, Holiday [wirick.holiday@epa.gov]  
**Subject:** RE: Calculation Assistance for North Dakota

Yes, and please cc me, Lars and Heather so all of us are in the loop.

Mario

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**From:** Wirick, Holiday <wirick.holiday@epa.gov>  
**Sent:** Wednesday, December 11, 2019 3:29 PM  
**To:** Sengco, Mario <Sengco.Mario@epa.gov>  
**Subject:** RE: Calculation Assistance for North Dakota

Thanks Mario – I was just going to call you to explain what I need. Shall I respond directly to Erica?

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**From:** Sengco, Mario <Sengco.Mario@epa.gov>  
**Sent:** Wednesday, December 11, 2019 1:28 PM  
**To:** Wirick, Holiday <wirick.holiday@epa.gov>  
**Subject:** FW: Calculation Assistance for North Dakota

Hi, Holly

Please see Erica's response below and the attachment. Let me know if you need more or need something different.

Mario

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**From:** Fleisig, Erica <Fleisig.Erica@epa.gov>  
**Sent:** Wednesday, December 11, 2019 2:44 PM  
**To:** Sengco, Mario <Sengco.Mario@epa.gov>  
**Cc:** Goss, Heather <Goss.Heather@epa.gov>; Wilcut, Lars <Wilcut.Lars@epa.gov>  
**Subject:** RE: Calculation Assistance for North Dakota

## Ex. 5 Deliberative Process (DP)

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**From:** Wirick, Holiday <wirick.holiday@epa.gov>  
**Sent:** Monday, December 09, 2019 5:57 PM  
**To:** Sengco, Mario <Sengco.Mario@epa.gov>  
**Subject:** Fw: Calculation Assistance for North Dakota

Hi Mario, I hope you had a great Thanksgiving holiday and fun this past weekend.

## Ex. 5 Deliberative Process (DP)

Thanks so much for your help.

Holly Wirick  
Water Quality Section  
U.S. EPA - Region 8  
1595 Wynkoop Street  
Denver, CO 80202  
303-312-6238

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**From:** Wax, Peter N. <[pwax@nd.gov](mailto:pwax@nd.gov)>  
**Sent:** Thursday, December 5, 2019 1:59 PM  
**To:** Wirick, Holiday <[wirick.holiday@epa.gov](mailto:wirick.holiday@epa.gov)>  
**Subject:** Calculation Assistance

Dear Holly:

Hope all is well and you had a great Thanksgiving. I consumed toooo much but that is as it should be.

On work related topics, I need a favor and have a question.

**Favor:** Would you please check out these tables to make sure I have the calculations correct for trace elements that are hardness dependent (total and freshwater).

**Questions:** What is are correct aquatic life criteria (Acute and Chronic) for Mercury total recoverable (dissolved + suspended)?

Pete

Peter N. Wax  
Special Projects  
Division of Water Quality

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